

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1656SX

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\*\*\*\*\* Welcome to STN International \*\*\*\*\*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 SEP 09 CA/CAPLUS records now contain indexing from 1907 to the  
present  
NEWS 4 DEC 08 INPADOC: Legal Status data reloaded  
NEWS 5 SEP 29 DISSABS now available on STN  
NEWS 6 OCT 10 PCTFULL: Two new display fields added  
NEWS 7 OCT 21 BIOSIS file reloaded and enhanced  
NEWS 8 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced  
NEWS 9 NOV 24 MSDS-CCOHS file reloaded  
NEWS 10 DEC 08 CABA reloaded with left truncation  
NEWS 11 DEC 08 IMS file names changed  
NEWS 12 DEC 09 Experimental property data collected by CAS now available  
in REGISTRY  
NEWS 13 DEC 09 STN Entry Date available for display in REGISTRY and CA/CAPLUS  
NEWS 14 DEC 17 DGENE: Two new display fields added  
NEWS 15 DEC 18 BIOTECHNO no longer updated  
NEWS 16 DEC 19 CROPU no longer updated; subscriber discount no longer  
available  
NEWS 17 DEC 22 Additional INPI reactions and pre-1907 documents added to CAS  
databases  
NEWS 18 DEC 22 IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields  
NEWS 19 DEC 22 ABI-INFORM now available on STN  
  
NEWS EXPRESS DECEMBER 28 CURRENT WINDOWS VERSION IS V7.00, CURRENT  
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
specific topic.

All use of STN is subject to the provisions of the STN Customer  
agreement. Please note that this agreement limits use to scientific  
research. Use for software development or design or implementation  
of commercial gateways or other similar uses is prohibited and may  
result in loss of user privileges and other penalties.

\*\*\*\*\* STN Columbus \*\*\*\*\*

FILE 'HOME' ENTERED AT 11:04:31 ON 08 JAN 2004

=> FIL BIOSIS EMBASE MEDLINE LIFESCI CAPLUS  
COST IN U.S. DOLLARS

SINCE FILE TOTAL

FULL ESTIMATED COST

FILE 'BIOSIS' ENTERED AT 11:04:40 ON 08 JAN 2004  
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC. (R)

FILE 'MEDLINE' ENTERED AT 11:04:40 ON 08 JAN 2004

FILE 'CAPLUS' ENTERED AT 11:04:40 ON 08 JAN 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

```
=> dup rem l1
PROCESSING COMPLETED FOR L1
L2      5 DUP REM L1 (2 DUPLICATES REMOVED)
```

L2 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2002:461518 CAPLUS  
DN 137:289751  
TI Distinct Patterns of Downstream Target Activation Are Specified by the  
Helix-Loop-Helix Domain of Proneural Basic Helix-Loop-Helix Transcription  
Factors  
AU Talikka, Marja; Perez, Sharon E.; Zimmerman, Kathryn  
CS Laboratory of Developmental Neurobiology, The Rockefeller University, New  
York, NY, 10021, USA  
SO Developmental Biology (Orlando, FL, United States) (2002), 247(1), 137-148  
CODEN: DEBIAO; ISSN: 0012-1606  
PB Elsevier Science  
DT Journal  
LA English  
RE.CNT 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:761982 CAPLUS  
DN 130:21350

TI Arabidopsis gene ATH1 sense and antisense constructs and their use for regulation of growth and flowering in plants  
IN Smeekens, Sjef; Weisbeek, Peter; Proveniers, Marcel  
PA D.J. Van Der Have B.V., Neth.  
SO PCT Int. Appl., 53 pp.  
CODEN: PIXXD2

DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9851800	A1	19981119	WO 1998-IB821	19980514
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9872298	A1	19981208	AU 1998-72298	19980514
	AU 753726	B2	20021024		
	EP 981621	A1	20000301	EP 1998-919436	19980514
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	NZ 500737	A	20010629	NZ 1998-500737	19980514
PRAI	GB 1997-9789	A	19970514		
	GB 1997-27458	A	19971230		
	WO 1998-IB821	W	19980514		

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:27037 CAPLUS  
DN 126:115386  
TI Stress tolerant yeast mutants  
IN Klionsky, Daniel; Holzer, Helmut; Destruelle, Monika  
PA University of California, USA  
SO U.S., 17 pp.  
CODEN: USXXAM

DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5587290	A	19961224	US 1995-494714	19950626
	WO 9701626	A1	19970116	WO 1996-US10782	19960624
	W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN			
	AU 9663920	A1	19970130	AU 1996-63920	19960624
PRAI	US 1995-494714		19950626		
	WO 1996-US10782		19960624		

L2 ANSWER 5 OF 5 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 1

AN 1995:157220 BIOSIS  
DN PREV199598171520

TI The homeobox gene ATH1 of Arabidopsis is derepressed in the photomorphogenic mutants cop1 and det1.

AU Quaadvlieg, Nicolette; Dockx, Jan; Rook, Fred; Weisbeek, Peter; Smeekens,

Sjef [Reprint author]  
CS Dep. Mol. Cell Biol., Univ. Utrecht, Padualaan 8, 3584 CH Utrecht,  
Netherlands  
SO Plant Cell, (1995) Vol. 7, No. 1, pp. 117-129.  
CODEN: PLCEEW. ISSN: 1040-4651.  
DT Article  
LA English  
OS DDBJ-X80126; DDBJ-X80127; EMBL-X80126; EMBL-X80127; Genbank-X80126;  
Genbank-X80127  
ED Entered STN: 11 Apr 1995  
Last Updated on STN: 12 Apr 1995

=> s homeobox (1a) gene (1a) ATH1  
L3 3 HOMEBOX (1A) GENE (1A) ATH1

=> dup rem l3  
PROCESSING COMPLETED FOR L3  
L4 1 DUP REM L3 (2 DUPLICATES REMOVED)

=> d l4

L4 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 1  
AN 1995:157220 BIOSIS  
DN PREV199598171520  
TI The homeobox gene ATH1 of Arabidopsis is  
derepressed in the photomorphogenic mutants cop1 and det1.  
AU Quaedvlieg, Nicolette; Dockx, Jan; Rook, Fred; Weisbeek, Peter; Smeekens,  
Sjef [Reprint author]  
CS Dep. Mol. Cell Biol., Univ. Utrecht, Padualaan 8, 3584 CH Utrecht,  
Netherlands  
SO Plant Cell, (1995) Vol. 7, No. 1, pp. 117-129.  
CODEN: PLCEEW. ISSN: 1040-4651.  
DT Article  
LA English  
OS DDBJ-X80126; DDBJ-X80127; EMBL-X80126; EMBL-X80127; Genbank-X80126;  
Genbank-X80127  
ED Entered STN: 11 Apr 1995  
Last Updated on STN: 12 Apr 1995

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1656SX

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 SEP 09 CA/CAPLUS records now contain indexing from 1907 to the  
present  
NEWS 4 DEC 08 INPADOC: Legal Status data reloaded  
NEWS 5 SEP 29 DISSABS now available on STN  
NEWS 6 OCT 10 PCTFULL: Two new display fields added  
NEWS 7 OCT 21 BIOSIS file reloaded and enhanced  
NEWS 8 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced  
NEWS 9 NOV 24 MSDS-CCOHS file reloaded  
NEWS 10 DEC 08 CABA reloaded with left truncation  
NEWS 11 DEC 08 IMS file names changed  
NEWS 12 DEC 09 Experimental property data collected by CAS now available  
in REGISTRY  
NEWS 13 DEC 09 STN Entry Date available for display in REGISTRY and CA/CAPLUS  
NEWS 14 DEC 17 DGENE: Two new display fields added  
NEWS 15 DEC 18 BIOTECHNO no longer updated  
NEWS 16 DEC 19 CROPU no longer updated; subscriber discount no longer  
available  
NEWS 17 DEC 22 Additional INPI reactions and pre-1907 documents added to CAS  
databases  
NEWS 18 DEC 22 IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields  
NEWS 19 DEC 22 ABI-INFORM now available on STN  
  
NEWS EXPRESS DECEMBER 28 CURRENT WINDOWS VERSION IS V7.00, CURRENT  
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
specific topic.

All use of STN is subject to the provisions of the STN Customer  
agreement. Please note that this agreement limits use to scientific  
research. Use for software development or design or implementation  
of commercial gateways or other similar uses is prohibited and may  
result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:27:07 ON 08 JAN 2004

=> file agricola  
COST IN U.S. DOLLARS

SINCE FILE TOTAL

FULL ESTIMATED COST

ENTRY	SESSION
0.21	0.21

FILE 'AGRICOLA' ENTERED AT 11:27:19 ON 08 JAN 2004

FILE COVERS 1970 TO 15 Dec 2003 (20031215/ED)

Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted material. All rights reserved. (2004)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s ATH1

L1 8 ATH1

=> dup rem l1

PROCESSING COMPLETED FOR L1

L2 8 DUP REM L1 (0 DUPLICATES REMOVED)

=> d l2 1-8

L2 ANSWER 1 OF 8 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN

AN 2003:37724 AGRICOLA

DN IND23329932

TI Cloning and sequencing of cDNAs for hypothetical genes from chromosome 2 of Arabidopsis.

AU Xiao, Y.L.; Malik, M.; Whitelaw, C.A.; Town, C.D.

AV DNAL (450 P692)

SO Plant physiology, Dec 2002. Vol. 130, No. 4. p. 2118-2128

Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-CODEN: PLPHAY; ISSN: 0032-0889

NTE Includes references

CY Maryland; United States

DT Article; Conference

FS U.S. Imprints not USDA, Experiment or Extension

LA English

L2 ANSWER 2 OF 8 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN

AN 2003:52571 AGRICOLA

DN IND23333596

TI Response to oxidative stress caused by H2O2 in Saccharomyces cerevisiae mutants deficient in trehalase genes.

AU Pedreno, Y.; Gimeno-Alcaniz, J.V.; Matallana, E.; Arguelles, J.C.

SO Archives of microbiology, June 2002. Vol. 177, No. 6. p. 494-499

Publisher: Berlin, New York : Springer-Verlag, 1974-

CODEN: AMICCW; ISSN: 0302-8933

NTE Includes references

CY Germany

DT Article

FS Non-U.S. Imprint other than FAO

LA English

L2 ANSWER 3 OF 8 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States

of America. It contains copyrighted materials. All rights reserved.  
(2004) on STN

AN 2002:52540 AGRICOLA  
DN IND23284668  
TI Light regulation of gibberellin biosynthesis and mode of action.  
AU Garcia-Martinez, J.L.; Gil, J.  
SO Journal of plant growth regulation, Dec 2001. Vol. 20, No. 4. p. 354-368  
Publisher: New York ; Springer-Verlag New York, c1982-  
CODEN: JPGRDI; ISSN: 0721-7595

NTE Thematic Issue on Gibberellins / edited by P. Hedden.  
Includes references  
CY New York (State); United States  
DT Article; Law  
FS U.S. Imprints not USDA, Experiment or Extension  
LA English

L2 ANSWER 4 OF 8 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2004) on STN

AN 2000:21782 AGRICOLA  
DN IND22025281  
TI Stress tolerance in doughs of *Saccharomyces cerevisiae* trehalase mutants  
derived from commercial baker's yeast.  
AU Shima, J.; Hino, A.; Yamada-Iyo, C.; Suzuki, Y.; Nakajima, R.; Watanabe,  
H.; Mori, K.; Takano, H.  
CS National Food Research Institute, Kannondai, Tsukuba, Ibaraki, Japan.  
SO Applied and environmental microbiology, July 1999. Vol. 65, No. 7. p.  
2841-2846  
Publisher: Washington : American Society for Microbiology  
CODEN: AEMIDF; ISSN: 0099-2240

NTE Includes references  
CY District of Columbia; United States  
DT Article  
FS U.S. Imprints not USDA, Experiment or Extension  
LA English

L2 ANSWER 5 OF 8 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2004) on STN

AN 2000:5829 AGRICOLA  
DN IND22017153  
TI Elevated growth of *Saccharomyces cerevisiae* **ATH1** null mutants on  
glucose is an artifact of nonmatching auxotrophies of mutant and reference  
strains.  
AU Chopra, R.; Sharma, V.M.; Ganesan, K.  
CS Institute of Microbial Technology, Chandigarh, India.  
AV DNAL (448.3 Ap5)  
SO Applied and environmental microbiology, May 1999. Vol. 65, No. 5. p.  
2267-2268  
Publisher: Washington : American Society for Microbiology  
CODEN: AEMIDF; ISSN: 0099-2240

NTE Includes references  
CY District of Columbia; United States  
DT Article  
FS U.S. Imprints not USDA, Experiment or Extension  
LA English

L2 ANSWER 6 OF 8 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2004) on STN

AN 97:67855 AGRICOLA

DN IND20591644  
 TI Molecular characterization of the *Aspergillus nidulans* *treA* gene encoding an acid trehalase required for growth on trehalose.  
 AU d'Enfert, C.; Fontaine, T.  
 CS Institut Pasteur, Paris, France.  
 SO Molecular microbiology, Apr 1997. Vol. 24, No. 1. p. 203-216  
 Publisher: Oxford : Blackwell Scientific Publications,  
 CODEN: MOMIEE; ISSN: 0950-382X  
 NTE Includes references  
 CY England; United Kingdom  
 DT Article  
 FS Non-U.S. Imprint other than FAO  
 LA English

L2 ANSWER 7 OF 8 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.  
 (2004) on STN  
 AN 96:37214 AGRICOLA  
 DN IND20518527  
 TI Disruption of the yeast *ATH1* gene confers better survival after dehydration, freezing, and ethanol shock: potential commercial applications.  
 AU Kim, J.; Alizadeh, P.; Harding, T.; Hefner-Gravink, A.; Klionsky, D.J.  
 CS University of California, Davis, CA.  
 AV DNAL (448.3 Ap5)  
 SO Applied and environmental microbiology, May 1996. Vol. 62, No. 5. 1563-1569  
 Publisher: Washington : American Society for Microbiology  
 CODEN: AEMIDF; ISSN: 0099-2240  
 NTE Includes references  
 CY District of Columbia; United States  
 DT Article  
 FS U.S. Imprints not USDA, Experiment or Extension  
 LA English

L2 ANSWER 8 OF 8 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.  
 (2004) on STN  
 AN 95:24526 AGRICOLA  
 DN IND20453397  
 TI The homeobox gene *ATH1* of *Arabidopsis* is derepressed in the photomorphogenic mutants *cop1* and *det1*.  
 AU Quaedvlieg, N.; Dockx, J.; Rook, F.; Weisbeek, P.; Smeekeens, S.  
 CS University of Leiden, Leiden, The Netherlands  
 AV DNAL (QK725.P532)  
 SO The Plant cell, Jan 1995. Vol. 7, No. 1. p. 117-129  
 Publisher: [Rockville, MD : American Society of Plant Physiologists, c1989-  
 CODEN: PLCEEW; ISSN: 1040-4651  
 NTE Includes references  
 CY Maryland; United States  
 DT Article  
 FS U.S. Imprints not USDA, Experiment or Extension  
 LA English

=> homeobox (1a) gene (2a) *ATH1*

HOMEBOX IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.  
 For a list of commands available to you in the current file, enter  
 "HELP COMMANDS" at an arrow prompt (=>).

=> s homeobox (1a) gene (2a) ATH1  
248 HOMEBOX  
59 HOMEBOXES  
264 HOMEBOX  
(HOMEBOX OR HOMEBOXES)  
81039 GENE  
63293 GENES  
99288 GENE  
(GENE OR GENES)  
8 ATH1  
L3 1 HOMEBOX (1A) GENE (2A) ATH1

=> d 13

L3 ANSWER 1 OF 1 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2004) on STN  
AN 95:24526 AGRICOLA  
DN IND20453397  
TI The homeobox gene ATH1 of Arabidopsis is  
derepressed in the photomorphogenic mutants cop1 and det1.  
AU Quaadvlieg, N.; Dockx, J.; Rook, F.; Weisbeek, P.; Smeekeens, S.  
CS University of Leiden, Leiden, The Netherlands  
AV DNAL (QK725.P532)  
SO The Plant cell, Jan 1995. Vol. 7, No. 1. p. 117-129  
Publisher: (Rockville, MD : American Society of Plant Physiologists,  
c1989-  
CODEN: PLCEEW; ISSN: 1040-4651  
NTE Includes references  
CY Maryland; United States  
DT Article  
FS U.S. Imprints not USDA, Experiment or Extension  
LA English